



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/161,073	09/25/1998	PI-WEI CHIN	SA9-98-050	7136

7590 11/23/2001
Chein-Wei (Chris) Chou
Oppenheimer Wolff & Donnelly LLP
1400 Page Mill Road
Palo Alto, CA 94304

EXAMINER

BASHORE, WILLIAM L

ART UNIT	PAPER NUMBER
----------	--------------

2176

DATE MAILED: 11/23/2001

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
09/161,073

Applicant(s)
Chin et al.

Examiner
William L. Bashore

Art Unit
2176



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Sep 7, 2001
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 3-16 and 18-22 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 3-16 and 18-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: ☐ approved ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 16) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 2 20) ☐ Other: _____

Art Unit: 2176

DETAILED ACTION

1. This action is responsive to communications: amendment filed on 9/7/2001 to the original application filed on **9/25/1998**. IDS filed on 9/25/1998.
2. Applicant's references: AO, AQ, and AR have been considered.
3. The objection to the title has been withdrawn as necessitated by amendment.
4. The rejection of claims 1-2, 17, 23-24 under 35 U.S.C. 103(a) as being unpatentable over Motoyama has been withdrawn as necessitated by amendment.
5. Claims 3, 5-6, 11, 16, 18-22 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama.
6. Claims 4, 7-8, 14-15 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama and Levy.
7. Claims 9-10, 12-13 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama and Berg.
8. Claims 3-16, 18-22 are pending in this case. Claims 1-2, 17, 23-24 have been canceled by Applicant. Claims 3, 11, 21, are independent claims.

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2176

10. Claims 3, 5-6, 11, 16, 18-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama, U.S. Patent No. 6,208,956 issued March 2001.

In regard to Independent claim 3, Motoyama teaches:

- a HTML document page translated using a resource dictionary database (file) containing translated words and phrases for replacing variables (Motoyama column 4 lines 14-23, column 5 lines 41-46, column 6 lines 41-55; compare with claim 3 "*a plurality of resource file containing data for replacing said replacement variable,*").

- dictionary resource files indicative of various languages for web page variable replacement (Motoyama column 6 lines 20-24; compare with claim 3 "*said replacement variable being selectively replaced by data from a selected one of said resource files, each of the plurality....selected one of said resource files.*").

- Motoyama does not specifically teach said page as a template. However, this limitation would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Motoyama, because Motoyama's teaching of HTML, with its known hierarchical tag structure, clearly suggests a template structure, providing Motoyama with the organizational advantage a hierarchical page provides (Motoyama column 4 lines 14-23; compare with claim 3 "*a markup-language encoded template*").

In regard to dependent claim 5, Motoyama does not specifically teach a resource file as a "HTML" resource bundle. However, since Applicant defines said bundle as similar to a Java resource bundle, and Java resource bundles are a known Java class, this limitation would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Motoyama, because Motoyama's related dictionary data files

Art Unit: 2176

(indicative of various languages) used for the translation of various portions of a HTML page suggests a resource bundle environment, providing the advantage of files categorized by language (Motoyama column 6 lines 20-30; compare with claim 5).

In regard to dependent claim 6, claim 6 is rejected using the Examiner's argument and rationale as set forth in the rejection of claim 5, above.

In regard to independent claim 11, Motoyama teaches a HTML document translated using resource dictionary databases (files) containing various translated words and phrases for replacing variables (Motoyama column 4 lines 14-23, column 5 lines 41-46, column 6 lines 41-55; compare with claim 11 "*providing a plurality of data files....corresponding to said variable*").

Motoyama does not specifically teach said HTML page as a template at a server. However, this limitation would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Motoyama, because the teaching of HTML, with its known hierarchical structure, clearly suggests a template structure, to which HTML pages must be uploaded and stored on a server for publication, providing Motoyama with the organizational advantage a hierarchical page provides (Motoyama column 4 lines 14-23; compare with claim 11 "*providing an HTML template to a server, said HTML template including at least one variable*").

Motoyama teaches selection of a dictionary file used to construct a page using translated words from said dictionary file (Motoyama column 6 lines 20-25; compare with claim 11 "*selecting one of said plurality of data files*", and "*constructing an HTML encoded....replace said variable*").

Art Unit: 2176

In regard to dependent claim 16, claim 16 is rejected using the Examiner's argument and rationale as set forth in the rejection of claim 11, above.

In regard to dependent claim 18, Motoyama teaches dictionary translation database files, which teaches key/value combinations for translation (Motoyama column 6 lines 20-25; compare with claim 18).

In regard to dependent claims 19, 20, the use of curly brackets, commas, and pound signs within various languages is known in the web publishing art.

In regard to independent claim 21, Motoyama teaches:

- a HTML document translated using a resource dictionary database (file) containing translated words and phrases for replacing variables (Motoyama column 4 lines 14-23, column 5 lines 41-46, column 6 lines 41-55; compare with claim 21 "*a markup-language encoded....having a replacement variable within*").

- Motoyama does not specifically teach said HTML page as a template. However, this limitation would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Motoyama, because Motoyama's teaching of HTML, with its known hierarchical tag structure, clearly suggests a template structure, providing Motoyama with the organizational advantage a hierarchical page provides (Motoyama column 4 lines 14-23; compare with claim 21 "*a markup-language encoded template*").

- a HTML document page translated using a resource dictionary database (file) containing translated words and phrases for replacing variables (Motoyama column 4 lines 14-23, column 5 lines 41-46, column 6

Art Unit: 2176

lines 41-55; compare with claim 21 *“a plurality of resource file containing data for replacing said replacement variable,”*).

- dictionary resource files indicative of various languages for web page variable replacement (Motoyama column 6 lines 20-24; compare with claim 21 *“said replacement variable being selectively replaced by data from a selected one of said resource files, each of the plurality....selected one of said resource files.”*).

In regard to dependent claim 22, Motoyama does not specifically teach a resource file as a HTML “resource bundle”. However, since Applicant defines said bundle as similar to a Java resource bundle, and Java resource bundles are a known Java class, this limitation would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Motoyama, because Motoyama’s related dictionary data files (indicative of various languages) used for the translation of various portions of a HTML page suggests a resource bundle environment, providing the advantage of files categorized by language (Motoyama column 6 lines 20-30; compare with claim 22).

11. Claims 4, 7-8, 14-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama, U.S. Patent No. 6,208,956 issued March 2001, in view of Levy, U.S. Patent No. 5,944,790 issued August 1999.

In regard to dependent claim 4, Motoyama does not specifically teach a language code. However, Levy teaches a country code, which is indicative of a particular language (Levy Abstract; compare with claim 4). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Levy to

Art Unit: 2176

Motoyama, because of Levy's taught advantage of country codes, providing Motoyama with a way to process a particular language.

In regard to dependent claim 7, Motoyama does not specifically teach server side processing.

However, Levy teaches a server accepting a web request along with a country code for processing of said web page (Levy column 2 lines 32-46; compare with claim 7). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Levy to Motoyama, because of Levy's taught advantage of server side processing, providing Motoyama with a way to process a particular language freeing up client resources.

In regard to dependent claim 8, claim 8 is rejected using the Examiner's argument and rationale as set forth in the rejection of claim 7, above.

In regard to dependent claim 14, Motoyama does not specifically teach a language code. However, Levy teaches a country code, which is indicative of a particular language (Levy Abstract; compare with claim 14). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Levy to Motoyama, because of Levy's taught advantage of country codes, providing Motoyama with a way to process a particular language.

Motoyama does not specifically teach server side processing. However, Levy teaches a server accepting a web request along with a country code for processing of said web page (Levy column 2 lines 32-46; compare with claim 14). It would have been obvious to one of ordinary skill in the art at the time of the

Art Unit: 2176

invention to apply Levy to Motoyama, because of Levy's taught advantage of server side processing, providing Motoyama with a way to process a particular language freeing up client resources.

In regard to dependent claim 15, claim 15 is rejected using the Examiner's argument and rationale as set forth in the rejection of claim 14, above.

Examiner's Note

12. In regard to the following Berg reference, it is to be noted that the Examiner could not print the complete web page text listing without truncation of text. Accordingly, the complete equivalent text is reproduced on pp. 6-9 of the reference.

13. **Claims 9-10, 12-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama, U.S. Patent No. 6,208,956 issued March 2001, in view of Cliff Berg (hereinafter Berg), How do I Write an International Application?, Dr. Dobb's Journal, July 1997, downloaded web site <url: <http://www.ddj.com/articles/1997/9707/97071/97071.htm?topic=java>>, pp.1-5, including text equivalent pp. 6-9, (downloaded on 5/17/2001).**

In regard to dependent claim 9, the use of Java code within HTML is known in the web publishing art.

Motoyama does not specifically teach a JAR file containing a Java ResourceBundle. However, Berg teaches Java in association with a Hot Java browser, incorporating a JAR file and a Java ResourceBundle to be eventually run as an applet (Berg p.6 at numbers 5, 6, also p.7 at number 8; compare with claim 9). It

Art Unit: 2176

would have been obvious to one of ordinary skill in the art at the time of the invention to apply Berg to Motoyama, because of Berg's taught advantage of JAR files and resource bundles, providing Motoyama with a way to utilize the advantages of said files for its dictionaries.

In regard to dependent claim 10, claim 10 reflects substantially similar subject matter as claimed in claims 1 and 9, and is rejected along the same rationale.

In regard to dependent claim 12, 13, claims 12, 13 reflect substantially similar subject matter as claimed in claims 9 and 10, and are rejected along the same rationale.

14. **Prior art made of record and not relied upon is considered pertinent to disclosure.**

Nosohara U.S. Patent No. 6,212,537 issued April 2001

Microsoft Press Computer Dictionary, 3rd Edition, 1997 Microsoft Corporation, p. 463.

Response to Arguments

15. **Applicant's arguments filed 9/7/2001 have been fully and carefully considered but they are not persuasive.**

Applicant argues on pp. 4-5 of the amendment that the cited art of record does not teach or suggest a markup-language template with different language resources selectively substituted into said template. In the Examiners rejections it is noted that Motoyama teaches translation of a document sections from one language to another, said sections marked by SGML tags (Motoyama abstract). The Examiner maintains that an SGML/HTML structured document suggests a template. Since a document template can be interpreted as a

Art Unit: 2176

predesigned document containing formatting, and in many cases, generic text (see reference Microsoft - paragraph 14), SGML/HTML contain hierarchically based tag pairs for defining the structure of a document. As taught by Motoyama, the sections to be translated are defined by said tag pairs. Because it is the text within said defined tags that is translated, the Web document structure itself is a template directing a system towards the exact content to be translated.

Applicant argues on p. 5 (at middle) of the amendment that none of the references teach the use of a markup-language template with different language resources selectively substituted into a template. The Examiner notes that in addition to the discussion above, Motoyama teaches translating back and forth between different languages (ie. English, Japanese, etc.) (Motoyama column 5 lines 60-64).

Conclusion

16. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

a shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William Bashore whose telephone number is (703) 308-5807. The examiner can

Art Unit: 2176

normally be reached on Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached on (703) 308-5186. The fax number to this art unit is (703) 308-6606.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

18. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 746-7239 (for formal communications intended for entry)

or:

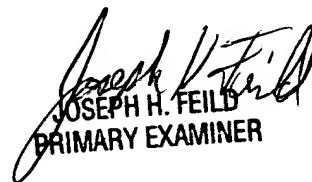
(703) 746-7240 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

or:

(703) 746-7238 (for after-final communications)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Fourth Floor (Receptionist).

William L. Bashore
11/13/2001


JOSEPH H. FEILD
PRIMARY EXAMINER